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A Professional Corporation

**Fax Transmission | August 26, 2004**

TO: Commissioner for Patents  
 Attn: Examiner Janet L. Andres  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

FROM: Mark T. Skoog  
 OUR REF: 11757.38USD1  
 TELEPHONE: 612.371.5240

Total pages, including cover letter: 33**PTO FAX NUMBER 1-703.872.9306**

If you do NOT receive all of the pages, please telephone us at 612.371.5204, or fax us at 612.332.9081.

Title of Document Transmitted:

Petition for Extension of Time, Amendment and Response, and copy of papers filed March 28, 2002

Applicant: Caniggia et al.  
 Serial No.: 10/028,158  
 Filed: December 20, 2001  
 Group Art Unit: 1646  
 Our Ref. No.: 11757.38USD1  
 Confirmation No. 4218

Please charge Deposit Account No. 13-2725 in the amount of \$475.00 for 3-month extension of time fee for small entity. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: Mark T. Skoog  
 Name: Mark T. Skoog  
 Reg. No.: 40,178

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Jeanine A. Wacek  
Karen A. Wall  
 Signature

August 26, 2004  
 Date

GEN033.DOT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CANIGGIA ET AL.	Examiner:	UNKNOWN
Serial No.:	10/028,158	Group Art Unit:	UNKNOWN
Filed:	DECEMBER 20, 2001	Docket:	11757.38USD1
Confirmation No.:	4218		
Due Date:	MARCH 30, 2002		
Title:	METHODS TO DIAGNOSE A REQUIRED REGULATION OF TROPHOBlast INVASION		

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence and the paper(s), as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231, on March 28, 2002.

By: Karenne A. Clark

Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- Transmittal Sheet in duplicate containing Certificate of Mailing
- Notice to File Corrected Application Papers - Part 2
- Submission of Formal Drawings, 21 Sheets of Formal Drawings
- Computer readable form of Sequence Listing is available in application Serial No. 09/380,662. Applicants state that the paper copy form of the Sequence Listing provided herewith, and the computer readable form submitted in application Serial No. 09/380,662, are the same.
- Other: Response to Notice to File Corrected Application Papers and Certificate Regarding Sequence Listing and Communication Pursuant to 37 CFR §1.821(e)
- Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By: J. Gresens  
Name: John V. Gresens  
Reg. No.: 36,112  
JGresens:PSTkaw



(PTO TRANSMITTAL - GENERAL)


**UNITED STATES PATENT AND TRADEMARK OFFICE**

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/028,158	12/20/2001	Isabella Caniggia	11757.38USD1

**CONFIRMATION NO. 4218**

23552  
 MERCHANT & GOULD PC  
 P.O. BOX 2903  
 MINNEAPOLIS, MN 55402-0903

**FORMALITIES LETTER**


\*OC000000007381271\*

Date Mailed: 01/30/2002

**NOTICE TO FILE CORRECTED APPLICATION PAPERS**
***Filing Date Granted***

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at

AUG-26-04 01:21PM FROM-Merchant & Gould

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T-485 P.014/033 F-109

**patin21help@uspto.gov or patin3help@uspto.gov**

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*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

S/N 10/028,158

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CANIGGIA ET AL.	Examiner:	UNKNOWN
Serial No.:	10/028,158	Group Art Unit:	UNKNOWN
Filed:	DECEMBER 20, 2001	Docket No.:	11757.38US1
Title:	METHODS TO DIAGNOSE A REQUIRED REGULATION OF TROPHOBlast INVASION		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on March 28, 2002.

By: *Karen A. Gould*  
Name: *Karen A. Gould*

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS AND CERTIFICATE REGARDING SEQUENCE LISTING

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This paper is being filed in response to the Examiner's communication mailed January 30, 2002. In response to the Notice to File Corrected Application Papers and in accordance with the requirements of 37 C.F.R. § 1.821 - § 1.825, Applicants enclose herewith a communication pursuant to 37 CFR § 1.821(e) to request to use a Sequence Listing submitted in a previously filed application.

In accordance with MPEP §2422.05, a paper copy of the Sequence Listing is included with this communication. Please insert the paper copy into the file after the Executed Oath or Declaration, as required by 37 C.F.R. § 1.77(a)(15). Applicants hereby state that the computer readable form in application Serial No. 09/380,662 and the paper copy of the Sequence Listing enclosed do not include new matter.

Pursuant to the Examiner's request, also enclosed is a copy of the Notice to File Corrected Application Papers with the sequence listing rules. Accordingly, it is believed the application complies with the sequence listing requirements.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: 3/28/02

*JM Green*  
John J. Green  
Reg. No. 33,112  
JJG:PSTkaw



S/N 10/028,158

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: CANIGGIA ET AL.

Examiner:

UNKNOWN

CENTRAL FAX CENTER

Serial No.: 10/028,158

Group Art Unit:

UNKNOWN

AUG 26 2004

Filed: DECEMBER 20, 2001

Docket No.:

11757.38USD1

Title: METHODS TO DIAGNOSE A REQUIRED REGULATION OF  
TROPHOBlast INVASION

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on March 28, 2002.

By: *Kristine A. Gresens*  
Name: *Kristine A. Gresens*

## COMMUNICATION PURSUANT TO 37 CFR §1.821(e)

Box Sequence  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The paper copy of the Sequence Listing in this application Serial No. 10/028,158, is identical to the computer readable copy of the Sequence Listing filed in application Serial No. 09/380,662, filed December 21, 1999. In accordance with 37 CFR 1.821(e), please use the first-filed computer readable form which was filed in that application on April 23, 2001 as the computer readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary change in application number and filing date for the instant application. A paper copy of the Sequence Listing is included herewith.

Respectfully submitted,



MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: 3/28/02

*J.J. Gresens*  
John J. Gresens  
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